

(FILE 'HOME' ENTERED AT 12:42:03 ON 13 JUN 2001)

FILE 'BIOSIS, MEDLINE, CA' ENTERED AT 12:43:34 ON 13 JUN 2001
L1 88 S ("CARRY-OVER" OR CONTAMINATION) (P) (PCR OR LCR OR
AMPLIFICATIO
L2 19 S L1 AND PY>1998
L3 69 S L1 NOT L2
L4 1 S L3 AND (VOLTAGE OR ELECTRIC? OR CURRENT)

FILE 'STNGUIDE' ENTERED AT 12:45:20 ON 13 JUN 2001

FILE 'BIOSIS, MEDLINE, CA' ENTERED AT 12:47:24 ON 13 JUN 2001

FILE 'STNGUIDE' ENTERED AT 12:47:25 ON 13 JUN 2001

FILE 'BIOSIS, MEDLINE, CA' ENTERED AT 12:48:52 ON 13 JUN 2001

FILE 'STNGUIDE' ENTERED AT 12:48:55 ON 13 JUN 2001
L5 0 S (DNA OR RNA OR "NUCLEIC ACID" OR PRIMER!) (P) (ELECTRIC? OR
VOL

FILE 'BIOSIS, MEDLINE, CA' ENTERED AT 12:52:09 ON 13 JUN 2001
L6 86 S (DNA OR RNA OR "NUCLEIC ACID" OR PRIMER!) (P) (ELECTRIC? OR
VOL
L7 22 S L6 AND PY>1998
L8 64 S L6 NOT L7

(FILE 'HOME' ENTERED AT 08:55:00 ON 13 JUN 2001)

FILE 'BIOSIS, CA, MEDLINE' ENTERED AT 08:55:41 ON 13 JUN 2001

L1	1427 S ABLATION AND (DNA OR RNA OR "NUCLEIC ACID")
L2	101 S L1 AND PCR
	E GUNDLING G/AU
L3	15 S E3-E6
L4	0 S L3 AND L2
L5	57 S L2 AND PY>1997
L6	44 S L2 NOT L5
L7	2 S DECONTAMINATION AND PCR AND (VOLTAGE OR CURRENT OR
ELECTRIC?)	
L8	20 S ("CARRY OVER" OR CARRYOVER) AND (REMOVAL OR ELIMINATION OR
AB	
L9	10 S L8 AND PY<1999

L8 ANSWER 16 OF 24 CA COPYRIGHT 2001 ACS
AN 132:217628 CA
TI Biochips on CMOS: an active **matrix address**
array for **DNA** analysis
AU Caillat, P.; David, D.; Belleville, M.; Clerc, F.; Massit, C.;
Revol-Cavalier, F.; Peltie, P.; Livache, T.; Bidan, G.; Roget, A.;
Crapez,
E.
SO Sens. Actuators, B (1999), B61(1-3), 154-162
CODEN: SABCEB; ISSN: 0925-4005
AB This paper reports a new development using a fully silicon active
substrate and **DNA probe** electro-immobilization. The
DNA chip described is using CMOS 0.8 .mu.m technol. and an
integrated multiplexer to **address** successively the electrode on
which a specific **DNA probe** will be deposited. This
approach is well adapted for low to medium range no. of probes (50-1000)
device. Applications targeted by this kind of device are wide, from
specific kit of diagnosis to cancerol. and agronomy. The final
demonstrator is a 128 **DNA probe** chip which is used for
the anal. of genes involved in Oncol.